



MILATARI NEWSLETTER

Volume 3 Number 2

January 1984

Price \$1.00

**** NEXT MEETING ****

SATURDAY, January 21st - 2PM

ARMBRUSTER SCHOOL - GREENDALE

MEETING ADGENDA

- 1:00 PM Officers meeting
- 2:00 PM BASIC Class
- 2:00 PM Workshop - Topic: Wordprocessing
- 3:30 PM Business meeting
- 4:15 PM Demonstrations

The kids korner opens at 2:30 PM. Libraries open at 2:30 PM.
They are closed during the business meeting and demonstrations.

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The World of ATARI as seen by Jim Morgan

The following letter has been taken, unedited, from the message section on Compu-Serve by SYSOP Ron Luks in order to enable all the members to read it before it might scroll off the system. All comments should be addressed to Mr. Morgan via Bill

Cabeche [70007,370], preferably using Section 10.

Sec. 10 - TALK with the TRADE

Sb: Letter from Jim Morgan

13-Dec-83 18:52:49

Fm: Bill Cabeche (WCI) 70007,370

To: All

Following is a message to you all from Jim Morgan, Atari CEO, who has been reading all your messages regarding Atari...

"For the past several months, you have been Atari's harshest critics ...and rightly so, since you are also Atari's most sophisticated users. I am impressed by your passion of convictions as well as your passion for Atari. Without getting too specific, I'd like to address some of the major issues you have been raising.

First of all, Atari has been in financial trouble during most of 1983. With that position comes a need and responsibility to re-examine every decision and program which led to the situation. Clearly, in relation to its ability to design, manufacture and distribute, Atari was in way over its head with a computer product line as inclusive as the 600XL, 800XL, 1400XL, 1450XLD and 1600. The company simply didn't have the resources to execute each of these as excellently as you or other customers would rightly expect or demand. The history of the home computer market seems to me to be the spirit of broken promises--either products which don't live up to expectations, don't arrive on time, or both. We are trying to become a more reliable company which delivers on time a product which offers a meaningful and useful difference to the consumer. To do this requires walking before you run and that's what we're doing right now by selling the 600XL and 800XL while we evaluate the most appropriate definition of our next entry.

You are, as a group, pretty much on the leading edge of computer users and I doubt whether the average consumer could fathom the nuances of the products you have been describing as ideal. At the risk of alienating you, let me also say that I doubt in the short term whether we will be able to offer a product that will really turn you on. Longer term, however, our goal is to bring to the marketplace a microprocessor which is as unique as was the VCS when it was first introduced. You might be interested to know that we have formed a group led by Ted Hoff and Alan Kay which is chartered to define our next generation of computers.

Out of this group, we are hopeful, will come the unique product described above. In the meantime, we will have to keep our product line rather restricted to broadly saleable products.

If you'd like to input the Hoff/Kay group with any ideas, please send them to Bill, who will forward them to me.

In the meantime, we ask both for your continued support and interest, which ultimately are our most valuable assets.

I'll continue to read your messages, learn from them, and hopefully be able to read about a better and more reliable Atari in the months and years ahead.

Merry Christmas!

--Jim Morgan

Chairman and CEO, Atari Inc.

800XL Review

by Gary Nolan

The first thing you'll notice about the new 800XL is that it is different from the old 800. It's smaller and different in color. Same width but not as deep and appears half as high. The cartridge slot (only one) is centered and above the keyboard. The color combination for the XL series is black, off-white and silver.

The keyboard has a lighter touch than the old 800. The surface of the keys are textured and are "angled" not stepped like the old keyboard. Both of these give a better "feel" to the keyboard and make it easier to type (at least for me). The key layout has been squared off similar to the 1200, with the Control, Shift and Caps keys slightly larger. The Inverse key has been moved outside of the right shift key and might take some getting used to for you old timers, but I like it there. All in all a good keyboard and an improvement over the old one. Any objections that I have to it are minor. I would like the inverse key in the break key spot, and would move the break key to the vertical line with Option, Select, Etc.. These keys are still on the right side of the keyboard and are now flush with the surface and are chromed. The 800XL also has a Help key in this line as do all the XL's.

Power hook-up, Serial buss, monitor port, RF plug and channel switch are at the rear of the computer. Also back there is something new and exciting, and it's the parallel port. This will be the computers connection to the "outer world" if and when the expansion module is released. The TWO joystick ports are now located on the right side.

The power supply is much bigger in size than the old one and has a 7 pin DIN type connector. Voltage is lower (5V) but puts out more amps (1.5).

One thing that's been said that's a little misleading, is that this is a 64K RAM machine. OK, if you disable the operating system you have 64K to work with. But if you turn it on straight and do a FRE(0) and you still get 37K to work with which is no different than the old 800.

If you do turn it on straight, you'll get a slight pause and then get the familiar READY prompt. That's because BASIC is built-in. When loading a machine language program you hold the OPTION key down to by-pass Basic. The pause at turn-on is caused by the self check that the computer does for the memory. To run the complete system check, hold down the OPTION key at power up. You can then check memory, the Audio-Visual sections, Keyboard or all the above (autorun). All this is the same as the 1200. As is the internal International character set.

But, not it's not all milk and honey in XL land. There is the software incompatibility problem. The first thing I did was to plug my Letter Perfect cartridge in. Sorry! No workee! Rats! And the Translator Disk only works with disk software. Borrow an LJK disk and put it in. Sorry! No workee! Quick, use the translator. WHEN! Worked!

Atari does have a point when they say that it's up to software houses to follow the memory structure that they (Atari) designed into the machine. And when a software problem arises it's up to the software people to straighten it out. But to their credit Atari has taken it upon themselves to help the buyer of a XL series computer in the form of the Translator disk. This disk is available from Atari, or the club library, and Atari claims it will solve any problems. It's easy to use. You load it like any ML program. Boot the drive, insert the Trans. disk, hold down the OPTION key and turn on the computer. The menu that comes up tells you to place your program disk in the drive and press the SELECT key. When you do that the drive starts and your program loads. The Trans. disk has two programs "A" for Operating system "A", and "B" for op. sys. "B". Some APX AND Atari software (like States & Capitols and Graph-It) won't work either. But they'll be replaced if you call the right people.

I'm one of those people who believe that the manufacture (Atari) should take more responsibility for teaching people how to use their computers. But one way to lower costs seems to be the elimination of decent documentation. If a computer has Basic built-in, and this is one of the advertised selling features, then it's up to the builder (Atari) to teach the buyer how to use this feature. Too many people are going to be turned off of computers because they can't do anything with them when they get them home. After all how much can a book like "Your Atari Computer" cost Atari when bought in lots of several hundred thousand? It's cheap PR considering the fact that most people spend more on software and add-ons over the life of the machine than the original cost. Treat 'em right from the start and they buy YOUR brands later. Atari seems to EXPECT the user group community to solve THEIR problems for them. Or at least the calls I get every month from people saying Atari told them to call me seems to indicate this. Suffice it to say that the computers need better documentation.

I've encountered two MINOR problems with this unit. The first involved the HELP key, it kept sticking. The keyboard was slightly mis-aligned. Loosen a couple of screws and, PRESTO, it works fine. The other is not so easily fixed but not serious. To move the cursor up (as when editing) you hold the control and up-arrow keys down. Well the up-arrow key doesn't always make contact, especially if you hit and run (as when you're in a hurry) and you press more on the upper left corner of the key. Like I said MINOR! Other than that I like the new keyboard a lot.

There are four new graphics modes. Modes 12 & 13 are recommended for use for animation or background patterns, both are 4 color. Modes 14 & 15 are 160 X 192 resolution modes, #14 is 2 color and 15 is 4 color.

I think if Atari would have brought this and the 600 out instead of the illegitimate child 1200 they, might very well be #1 in home computers. Be that as it may, what is important is that they're here and they work. Even though the price went up \$40 Jan 1st, and cost considerably more than a 64, it's a good machine. Just look at its heritage. If only the future was a little clearer.

PRESIDENT'S RAM

by Gary Nolan

I SEE A TALL DARK STRANGER.....

This is the time of year when everyone makes their predictions about what they see for the coming year. And if you check my predictions from last year, you'll find I came pretty close on most of them. So here's 1984's crop of visions.

As for us (MILATARI) we have what looks like a very good year ahead. And it will all be made possible with your help. Doesn't it make you feel good to know that you've already made 1984 look so bright?

One thing you did was to volunteer for the Education Computer Conference to be held at MATC in the middle of April. This was put together by our own Gerry Steinke.

And all of you who are going to help with the show at MECCA the next week, well how can I thank you?

How about a Users Group Picnic and Faire in June? Not just for MILATARI but for ALL the groups from CUF. Plans are still being worked out, but this is going to be another great event.

No I didn't forget about those of you who helped with the workshops. The word processing session that started it off in Jan. was just great. That the rest of them turned out just as well is a tribute to you.

The Waukesha chapter of MILATARI got off the ground in spring and by the end of the year was doing quite well.

The XL's finally made it to the market place in decent quantities and were well recieved. As witness the fact that this article is being typed on an 800XL. Yes the very same one that was demoed (is that the right spelling Dave?) at the January meeting and reviewed in the Jan. newsletter.

As for Atari, or should I say Warner Communications, they are are going to be in a fight for their corporate life. Take overs are a way of life in big bussiness but still something you don't look foward to, unless you're the takeee. Once it starts it's hard to stop. And its already started. Rupert Murdoch is trying to buy Warner an the rumor is going around that he would like to either sell Atari or spin it off. And guess who one of the people old Rupert talked to about buying Atari? No suprise, just our man Nolan Bushnell. He's bound and determined to get back into the game.

But why spoil the whole year for you by telling you everything. But how about those Packers, EH!

AND A VOICE FROM THE WILDERNESS

SPAKE ONTO HIM...

I recieved a call from Mark Cator of the User Group Support Office (aka) the Atari Computer Enthusiasts Support Program. He suprised me by saying that he read our Dec. newsletter about how I had to send the Video Visit tape back as soon as possible and if you missed it I was sorry, etc. Anyway he said that we might get it back after other groups got their chance at it, which is only fair. At the same time he mentioned a new tape, A Graphics Overview (#1,2,3), that is being sent around. Also a promotional tape featuring groups from around the country. No, not us. At least I haven't seen anyone taping our meetings. Have you? We might be allowed to make copies for our library of these tapes but we'll have to wait for Atari to decide, which could take a while. A short time after I talked with Mark I recieved some Demopacs (1 thru 8) and information about the 1200XL and some info about a software contest that the ACESP is conducting.

ACESP will run a contest during Jan. and Feb. to help build a public domain library for their BBS. This in turn will be available to all the users groups. First prize is your choice of up to \$60 worth of software from APX. The contest runs till Feb. 15th so you better git goin'. If the response is good it will be repeated later in the year. For all the details and copies of the forms be at the Jan. meeting or call me if you can't make it.

Not only does ACESP read the users groups letters that are sent to them, but apparently Jim Morgan, Atari CEO, has been tatchiag the Atari SIG on Compuserve and left a Christmas message. Look for it elsewhere in this newsletter

ONCE UPON A TIME, THERE WAS A BIG...

This is one tale I hope comes true. It's been said that the 1400/1450's are planned for a March shipping date. Not only that but they are going to be built IN some faraway place called California to make sure things go right. Oh well, as they always say, "If you want it done right, DO IT YOURSELF" The rumor that they will only be sold at computer stores still persists. No more news on the Atari CP/M add on. Maybe we'll find out more at the winter CES.

HELP!!!!

Micheal McNew needs some information about the Voice Box II. Any member having any experiance with one can call Micheal at 321-2121.

Bankstreet Writer and Text Wizard users listen-up. We need you to do a short explanation/demo at the Jan. workshop. (Help make a prediction come true) Call me before the meeting to set it up.

OUT THE FRONT DOOR..IN THE BACK

Several years ago some programmers left Atari and formed their own company called Activision. Atari sued them for infringing on their cart bus patent. Activision won and made a lot of money in the following years all by itself. With the downturn in game and cartridge sales (honest fellas dedicated video games ARE dead) Atari and Activision have teamed up in a new venture. It involves downloading games into the 2600 with a special modem. Software for the computers is also a possibility. It'll be test marketed in the first half of this year and if all goes well they'll roll out a national program starting in July.

In kind of a related bit of news Warner Software announced that they had acquired an interest in First Star Software. That's the company started by Fernando Herrera after he won the first APX contest.

DID THAT DISK DRIVE SAY SOMETHING?

Not really, but the Trak drive people have announced that they will bring out a disk drive with built in modem in '84 in both double density and printer port models. They are also rumored to be toying with the idea of bringing out a hard disk for the Atari line.

Did anyone notice Amdek's ad on the back of the back cover of the Jan. Antic for their 3" drive?

THIS TIME

At this meeting we will have an 800XL for you to see. We might have an ATR8000 if the order comes in by then. About eight members (yes, me too) have ordered them. So if you're interested in getting into CP/M or any of the other advantages it offers, be there. We may have a tax program demo if I can get in touch with the people that wrote it.

But we will have the afore mentioned Video Visit for those of you who missed it in Nov.. It arrived in the mail after I started writting this. (And you thought I did this all in one sitting)

Another thing that arrived in the mail was yet another Atari specific magazine. This one is from Canada and is called ROM. We got Vol. 1, Issue 4. It's a little rough around the edges but time will tell. It comes out every two months and a one year subscription is \$12.

I also received information about a line of software that gives you an 80 col. text display. The list includes a program for the ATR8000, a 80 col. programming program, and a Superterm-80 that looks real good. There's 80 col. fig-FORTH, one for you SAM people and two programs for word processors. The first is an 80 col. word processor called Text-80, for \$69. It allows full screen editing, has on line Help, ON SCREEN centering, "one key" dos commands and allows printer control. The other is called 80 Column Preview, it allows you to preview your Atariwriter or Letter Perfect file in 80 cols., then make any necessary changes before you print it on paper. All these come from Computer Control Central of San Diego. As always, I'll have the info at the meeting.

THE END

Well that's it for this month. If there are any spelling errors, you can blame Spell Perfect. I am using a loaner for this months column. And will have a report at the Word processing workshop.

See you on the 21st.....

BOOK ORDER BEING PREPARED

Education chairperson Linda Scott is putting together another group order for COMPUTER Books. Some of the books on the list are COMPUTE!'s First and Second Book of Atari, COMPUTE!'s First Book of Atari Graphics, Inside Atari DOS, Mapping Your Atari, The Atari BASIC SOURCE BOOK to name a few.

These books make excellent additions to any Atari owners reference library.

The price for each of these books is below the full retail price. Linda requests that your order be prepaid to get this lower price.

See Linda at the meeting or call her at 466-2314 for the complete list of books available and their prices.

REVIEW OF SCOPY 810

by Steve Booth

In the past few months, I have reviewed several interesting programs. The reason that I wrote reviews on these programs is to try to help other people to find programs that will be useful. I have read too many "good" reviews of programs that I think are not worth the price of a blank disk. This review discusses a program that is fantastic!! It is the best Disk Copying program that I have seen (barring programs such as the ARCHIVER, HAPPY Drive Enhancement, and TURBO).

I purchased this program when I was the Public Domain Disk Librarian because I was so impressed by the speed and flexibility of the program. I am now making this program available to any member who would like to buy a copy. It is a very powerful tool for a very small price (\$7.00).

The disk is NOT in the Public Domain and it will be sold ONLY at the Club Meetings. If you purchase it, you should not give or sell copies to other people. SCOPY 810 is an excellent machine language program that will copy any non-Copy Protected disk in only TWO Passes on a 48K Machine. That is the MAXIMUM number of passes that SCOPY will require. On disks which are less than half full, SCOPY will generally do the job in one pass. It is the only CopyProgram that I use. The speed with which it works is incredible! It comes complete with seventeen pages of documentation. In December's issue of Creative Computing, the author of INSIGHT: ATARI mentioned that this utility will now be available through the Mail for ten dollars. At the present time, I will be charging Seven Dollars.

MORE FACTS. This copier was designed to:

1. Make fast Back-Ups of a Full Disk containing Important files, such as text or database information.
2. Multiple Copies of a Disk can be easily made (This was a Life Saver when I was Disk Librarian). I'll bet that the new Disk Librarians also use SCOPY.
3. It is often desirable to duplicate a disk (exactly) before attempting to recover lost files using DISK FIXER (or some similar program). SCOPY 810 will bypass sectors that give an error when they are read.
4. SCOPY 810 will aid in any applications that do not use a DOS file structure for storing data. SCOPY will back up any non-standard, UNPROTECTED, disk.

The program is self-booting and loads in about 4 seconds (DOS takes about 15). Options that are available for setting include:

1. Number of Disk Drives
2. Sector Number to Start Reading Data
3. Number of Sectors
4. Sector Number to Start Writing Data
5. Number of Copies to be made
6. Verify Data that was written to disk
7. Format the Disk before writing the Data
8. Write Blank Sectors

(Con't on next page)

SCOPY (Con't)

Although all these options sound very confusing, they are not. The reason it's not confusing is because the author of the program had the foresight to set default values for all the options. Most people will only press the RETURN Key nine times (as fast as they can) and then press the START Key! The whole task from booting the disk to the finished copy takes less than 6 minutes. Exact copyingtimes were:

SCOPY	DOS	
5 min	6 1/2 min	with Write Verify
3 min 20 sec	N/A	without Write Verify

This program will be demonstrated at the next meeting. If you are interested in buying this program, I would appreciate it if you would call me (at 367-8739) before the meeting so that I can save you a copy.

CREDIT CARD CONTROL

by David Frazer

On pages 8 and 9 is a small program for credit card control which I recently converted over from a Microsoft Basic program. The program is used to maintain a list of your credit cards. In this version, you build your credit card list as data statements so there is no cassette or diskette storage requirements beyond saving the program itself.

The program does require a printer and can print you a list of all your cards. Using your printer, you may also print letters to your credit card companys to notify them of a change of address or a lost or stolen card.

lines 50-55: deminsions the strings

lines 100-170: choose between listing cards or printing a letter

lines 180-390: list card list to printer

lines 400-560: setup for notification by loading date and marking the cards to be reported

lines 600-960: prints the letter

line 1000: this is the number of credit cards contained in the data statements which follow this value.

lines 1010-.....: these are the data statements containing the information about your credit cards. You must provide 5 data fields for each card.

- 1) Company name
- 2) Company address
- 3) Company city, state and zip code
- 4) Your account number
- 5) Expiration date on card

I will give the source code to anyone who would like to work with this program. Its needs an end-of-job routine. SYSTEM RESET or BREAK are the only way of getting out of the program now. Someone might want to add disk or cassette file routines. I will be happy to print any update to this program if you will send them to me.

MILATARI * * * JANUARY 1984

```

1 REM =====
2 REM ; MILATARI NEWSLETTER ;
3 REM ; January 1984! ;
4 REM ; by David Frazer ;
5 REM ; ;
6 REM =====
7 REM
10 REM *****
20 REM * CREDIT CARD CONTROL *
30 REM *****
40 REM ***** VERSION 1 *****
50 DIM Z$(3),Y$(10),N$(25),D$(25),C1$(25),C2$(25),C3$(25)
55 DIM C4$(25),C5$(25),PRNT$(80)
60 TAB=2000
100 GRAPHICS 0
110 PRINT :PRINT :PRINT
120 PRINT ,"CREDIT CARDS"
130 PRINT
140 PRINT "Do you want to notify"
150 PRINT " a Credit Card Company ";
160 INPUT Z$
170 IF Z$(1,1)="Y" THEN 400
180 PRINT :PRINT "Then I'll list your cards."
190 OPEN #4,0,0,"P:":PRINT #4
200 PRINT #4;" CREDIT CARDS"
210 PRINT #4
220 PRINT #4;"Name of Card ";
225 PRINT #4;"Account number ";
230 PRINT #4;"Expiration"
240 PRINT #4;"-----";
245 PRINT #4;"-----";
250 PRINT #4;"-----"
255 PRINT #4
260 READ N
270 FOR X=1 TO N
280 READ C1$,C2$,C3$,C4$,C5$
285 FOR C=1 TO 80:PRNT$(C,C)=" ":NEXT C
300 PRNT$(1,40)=C1$
305 PRNT$(41,60)=C4$
310 PRNT$(61,80)=C5$
315 PRINT #4;PRNT$
320 NEXT X
330 PRINT #4;CHR$(12)
340 PRINT :PRINT "Any"
370 RESTORE
380 CLOSE #4
390 GOTO 100
400 REM *** NOTIFICATION ***
410 PRINT
420 PRINT "Today's Date ";:INPUT D$
430 PRINT
440 PRINT "Which Credit Card ";:INPUT N$
450 PRINT
460 READ N
470 FOR Q=1 TO N
480 READ C1$,C2$,C3$,C4$,C5$
490 IF C1$(1,10)>N$(1,10) THEN 550
500 PRINT "Is ";C1$;" one of the cards affected";:INPUT Z$
510 IF Z$(1,1)="N" THEN 550
530 GOSUB 600

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540 PRINT
550 NEXT Q
560 GOTO 340
600 REM **** PRINT LETTER ****
610 PRINT "What happened to card (lost, stolen, destroyed)";
    INPUT Y$
620 OPEN #4,0,0,"P:"
630 PRINT #4:PRINT #4:PRINT #4
640 PRINT #4;" I. M. CARDHOLDER":REM 32
    SPACES
650 PRINT #4;" 123 MAIN STREET"
660 PRINT #4;" ANYTOWN, US 99999"
670 PRINT #4
675 REM adjust the number of spaces to center your name/address
678 CENTER=(80-LEN(D$))/2
680 FOR SPACE=1 TO CENTER
682 PRINT #4;" ";
684 NEXT SPACE
686 PRINT #4:D$
690 FOR X=1 TO 9
700 PRINT #4
710 NEXT X
720 PRINT #4:C1$
730 PRINT #4:C2$
740 PRINT #4:C3$
750 PRINT #4:PRINT #4
760 PRINT #4;" RE: Account number ";C4$
770 PRINT #4;" Expiration Date ";C5$
780 PRINT #4
790 PRINT #4;" This is notification that my credit card was ";Y$;"
    on the idicated"
810 PRINT #4;"date. The account number and exporation of the card are
    shown above."
820 PRINT #4
840 PRINT #4;" Please take the action necessary to replace my card
    and to insure"
860 PRINT #4;"that no unauthorized charges accure to my account. Please
    advise me of"
880 PRINT #4;"any additional information I can furnish"
890 PRINT #4
900 PRINT #4;" Thank you."
910 PRINT #4:PRINT #4
920 PRINT #4;" Sincerely,":REM 35 spaces
930 PRINT #4:PRINT #4:PRINT #4:PRINT #4
940 PRINT #4;" I.M. Cardholder"
950 PRINT #4;CHR$(12)
960 RETURN
1000 DATA 5
1010 DATA PATE OIL COMPANY,123 CENTER STREET,MILWAUKEE WI 53210
1020 DATA 32-998883-0,DEC 1985
1030 DATA HAASCH TV & APPL.,8801 W NORTH AVE,WAUWATOSA WI 53213
1040 DATA 545-871-2,JUN 1984
1050 DATA LAST WIS. CHARGE CARD,777 W GRAND AVE,WEST ALLIS WI 53229
1060 DATA 11-2234455,NOT STATED
1070 DATA J.C. SEARS COMPANY,P.O. BOX 66666,CHICAGO IL 60699
1080 DATA 1234 5678 1 2,AUG 1993
1090 DATA MASTERCARGE,1845 UNION STREET,NEW YORK NY
1100 DATA 1111 2222 3333 4444,OCT 1984

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SEEK and FIND

This month I pick eight words for the *Glossary of Terms* found in the CompuServe Information Service *User's Guide*.

DATABASE is a collection of information which is stored in the computer

DEFAULTS are settings telling your terminal specific ways to respond.

DOWNLOAD is the process of transferring a file of data from the computers disk storage to your own personal computer system

HARDCOPY is a printout or a paper copy of computer data

PROMPT is the message which is displayed to alert you that the computer is waiting for input

TERMINAL is a keyboard and printing or display mechanism used to enter data into a computer and to display output from a computer. A microcomputer which is running terminal emulation software is considered to be a terminal.

UPLOAD is the process of transferring a file from your personal computer to another computer

VIDEOTEX is an easy to use interactive menu formatted system for accessing remote databases or programs

THE 8 HIDDEN WORDS ARE

DATABASE
TERMINAL

DEFAULTS
VIDEOTEX

DOWNLOAD
PROMPT

HARDCOPY
UPLOAD

J	W	A	F	S	B	P	S	X	F	D	H	D	S	U	O	H	D	U	M
Z	D	W	D	C	T	L	T	Z	U	Z	E	Q	A	L	F	O	O	A	A
M	Y	I	P	J	H	B	R	H	M	D	S	L	R	J	W	X	L	A	D
C	H	B	B	D	B	N	T	R	F	A	Q	S	Q	N	K	W	B	A	H
O	R	C	H	V	J	P	C	A	N	I	O	H	L	E	N	W	O	G	L
Y	J	D	R	Y	I	Z	U	Y	I	Z	C	O	S	U	K	L	V	N	F
B	H	O	B	L	M	D	Q	E	F	X	A	A	L	W	P	Y	I	N	O
W	G	Y	Q	C	A	A	E	V	G	D	L	R	H	U	O	V	L	N	J
R	U	J	B	V	U	L	V	O	N	I	F	S	S	C	W	S	D	Q	B
O	C	L	I	L	F	A	D	O	T	P	Y	J	J	V	B	F	D	G	W
E	D	D	S	E	Q	L	U	E	B	E	I	U	R	W	X	N	R	S	K
A	A	T	T	Z	O	G	O	T	F	M	X	G	S	R	E	A	O	Y	S
Y	T	V	Y	F	F	A	Z	E	Z	A	K	C	F	P	P	M	T	T	R
H	A	P	P	O	S	S	Y	R	Z	S	U	I	H	B	S	J	Y	B	X
X	B	E	A	K	R	H	S	M	I	H	F	L	N	D	F	Q	U	K	K
Q	A	B	F	B	R	J	D	I	L	Q	T	V	T	A	H	W	W	G	C
Q	S	I	Y	D	K	U	P	N	V	P	A	K	X	S	Z	X	M	R	F
U	E	D	M	V	C	S	Y	A	I	Y	P	O	C	D	R	A	H	L	X
S	U	I	I	I	D	G	V	L	P	R	O	M	P	T	A	Y	T	Y	E
H	N	D	A	N	U	Z	W	J	K	L	A	C	R	Y	L	V	K	T	F

NEWSLETTER INFORMATION:

This newsletter is written and printed by members of the Milwaukee Area ATARI User's Group (MILATARI), an association of individuals with a common interest in using and programming ATARI computers. MILATARI is not affiliated with the ATARI company or any other commercial organizations.

All articles are written and donated by the membership. Opinions expressed in this publication are those of the individual author and do not necessarily represent, nor reflect, the opinions of MILATARI nor those of any other commercial or non-commercial organizations. Any article appearing in this newsletter may be reproduced, providing credit is given to the author and to MILATARI.

Your contribution of articles are always welcome. You may submit your article on ATARI compatible cassette, diskette, on typewritten form, or you can arrange with the editor to download your file via a modem at either 300 or 1200 BAUD. When submitting your article on cassette or diskette, please do not include any format control codes imbedded within the text. Deadline for articles is the last day of each month for inclusion on the next issue.

Write MILATARI NEWSLETTER, P.O. Box 1191, Waukesha, WI 53187-1191 for more information.

MEMBERSHIP INFORMATION:

Membership is open to individuals and families who are interested in using and programming ATARI computers. The membership includes a subscription to this newsletter and access to the clubs cassette, diskette and publication libraries.

There are 3 classes of memberships available. Associate, Individual and Family. Associate members can attend all club functions and may withdrawal materials from the club libraries. In addition to attending club functions and checking out materials from the libraries, Individual and Family members are entitled to vote in club elections and to hold elected position in the organization. The annual membership fees are \$10.00 for associate, \$15.00 for individual, and \$20.00 for the family membership. Members are expected to abide by the by-laws of the club. You may receive a copy of the by-laws by contacting the club secretary.

For more information on how to join MILATARI, please contact the membership committee.

MEETING INFORMATION:

MILATARI meetings are held once monthly. The meetings are currently being held at the Armbruster School, 7000 Greenway, Greenfield. (Off 68th Street, behind Southridge Shopping Center.) The date of the meeting is the third Saturday of each month. Doors are open at 2:00PM. An agenda of the next meeting can be found elsewhere in this newsletter. For more specific details on the agenda for the next scheduled meeting, please contact the Vice President.

MILATARI Officers:

President	Gary Nolan	353-9716
Vice President	Chris Stieber	529-2663
Treasurer	David Frazer	542-7242
Secretary	open	
Education	Linda Scott	466-2314
Chairperson		
Cassette	Ron Friedel	354-1717
Librarian		
Disk	Bill Lawrence	968-3082
Librarian	Carl Mielcarek	355-3539
Publication	Marcus Hagen	445-0710
Librarian		
Membership	Dennis J. Bogie	968-9341
Committee	Sharon Gamache	421-2887
Newsletter	David Frazer	542-7242
Editor		
Bulletin Board	Pete Kurth	355-6031(BBS)
SYSOP		

TECHNICAL SUPPORT GROUP:

The following members have indicated a willingness to assist MILATARI members with programming and other related technical problems. Please be polite and do not call these members during meal periods or at very early or very late hours.

William Lawrence	Programming	1-968-3082
Don Wilcox	Programming	228-1650
Erik Hansen	Prog/Tech	252-3146
Gary Nolan	Prog/Tech	353-9716
Steve Booth	Programming	367-8739
Nick Liberski	Prog/Tech	782-5594
David Frazer	Prog/Tech	542-7242

MILATARI BULLETIN BOARD:

The Milwaukee Area ATARI Users Group maintains a 24 hour bulletin board service. This board is designed for the use of our members and other ATARI users around the country. The BBS allows for upload and downloading programs and files, a public message board and club news. The board operates at 300 BAUD. The phone number is (414)355-6031.

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